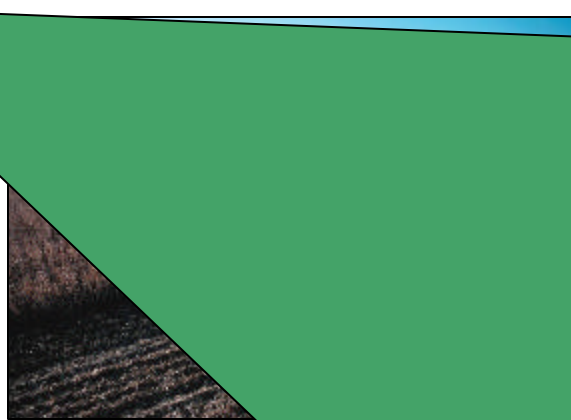


The Iowa Conservation Reserve Enhancement Program (CREP) is a major state/federal initiative to develop wetlands which are strategically located and designed to remove nitrate from tile-drainage water from cropland areas. The program is being implemented in cooperation with USDA Farm Service Agency (FSA) and Natural Resources Conservation Service (NRCS) to provide \$38 million in funding over the next three years to construct and restore up to 9000 acres of wetlands and buffers. The Iowa CREP is targeted to continue for at least ten years, pending federal reauthorization of the Conservation Reserve Program.

in tile drainage water from upper-lying croplands. The Iowa CREP is available in the thirty-seven counties in the tile-drained region of North Central Iowa and will specifically target the North Raccoon River Watershed. This watershed is noted for some of the highest nitrate loads in the Mississippi River Basin. Over the next decade, the Iowa CREP could develop wetlands in the program area with the capacity for removing over 5000 tons of nitrate-nitrogen annually. In addition to reducing nitrate loads to surface waters, the wetlands will provide wildlife habitat and increased recreational opportunities.

Advanced computer techniques utilizing geographical information systems (GIS) have been used to identify areas in Iowa State



Financial incentives are provided to landowners to develop and restore wetlands to intercept tile drainage from cropland watersheds. Landowners receive annual payments over 15 years and reimbursement of costs of wetland and buffer establishment. Easements to maintain the wetlands and buffers are required for a minimum of 15 years beyond the CREP payments, for a total of 30 years. Additional one-time, upfront incentive payments are used to encourage participating landowners to enter into perpetual easements.

Research at Iowa State University has confirmed that strategically-located and designed wetlands under the program requirements will remove 40-90% of the nitrate and 90+% of the herbicide

